

ネットワーク型ソフト実験のためのシステムの設計と構築*

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Design and Construction of System for Software Experiment Using Computer Network
by

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Abstract

The system for a software experiment using computer network is constructed at Department of Industrial Management, Faculty of Engineering in Osaka Institute of Technology. This system consists of twenty-eight personal computers as client hosts, four laser beam printers, UNIX and Windows NT server hosts, and switching network with 100BASE-TX. The computer network of the department is increased with multi-layer switching HUB for the system. Windows NT and FreeBSD are installed in client hosts, and both operating systems are bootable as occasion demands. User identification mechanism on both operating systems is developed using NIS (Network Information System) and Samba software.

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